

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Earl A. Hubbell

Examiner: Whaley, Pablo S.

Serial No: 10/627,271

Group Art Unit: 1631

Filing Date: July 25, 2003

Confirmation No.: 7605

Title: **METHODS, SYSTEMS AND  
COMPUTER SOFTWARE FOR  
DESIGNING AND  
SYNTHESIZING SEQUENCE  
ARRAYS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REPLY TO FINAL OFFICE ACTION**

Dear Sir:

In reply to the Final Office Action mailed July 5, 2007, Applicant respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.